Period: Date: Name:

**Focus Questions: Tides and Eclipses Videos**

1. What “human” concepts or parables formed the foundations of ancient moon mythology?

2. Explain the origin of the original month, before any “artificial-izing”.

3. Why do we experience tides on Earth?

4. Explain why one of the scientists used a football shape to describe tides.

5. Why is saying, “The tide is coming in” not accurate?

6. What other object is responsible for creating tides on Earth besides the Moon?

7. Explain the difference between Spring and Neap tides.

8. What causes an eclipse of the Moon?

9. Why does the Moon glow red during a total lunar eclipse?

10. What is an annular eclipse?

11. What can be seen when the Sun is totally eclipsed by the moon (3.5 min. totality during a total Solar eclipse)?